

Amendments to the Specification

Specification

Please replace paragraph [0007] with the following amended paragraph:

[0007] The adjustment circuit 104 receives a control signal 110 from powered device 106 via the multi-wire connection 108(3). The adjustment circuit 104 generates a difference signal from the control signal 110. A feedback signal 112 is derived from a feedback network for output voltage (V_{out}) adjustment and regulation. The feedback signal 112 is applied to the power supply 102 to vary or adjust (e.g., set) the output voltage (V_{out}). In one embodiment, the difference signal can be increased or decreased so that the feedback signal 112 varies, but reaches a specified value (e.g., a steady state) to regulate the output voltage to a desired value. In an embodiment described with reference to Fig. [[2]]1, the control signal 110 can be a pulse width modulated control signal generated by powered device 106 the difference signal can be a difference voltage, and the feedback signal can be a feedback voltage.